

### ABSTRACT OF THE DISCLOSURE

5 A dual energy coupling device involving the transfer of magnetic energy  
and electric energy between a pair of electric conductors is disclosed. The  
transfer of magnetic energy establishes an inductive coupling of a power source  
and a load of the device whereby an electric signal as a power signal or an  
indication of information can be communicated between inductively coupled  
power source and load. The transfer of electric energy facilitates an  
10 establishment of a capacitive coupling of another power source and another load  
of the device whereby an electric signal as part of a power signal or an indication  
of information can be communicated between the capacitively coupled power  
source and load.

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